

**This Page Is Inserted by IFW Operations  
and is not a part of the Official Record**

## **BEST AVAILABLE IMAGES**

**Defective images within this document are accurate representations of the original documents submitted by the applicant.**

**Defects in the images may include (but are not limited to):**

- **BLACK BORDERS**
- **TEXT CUT OFF AT TOP, BOTTOM OR SIDES**
- **FADED TEXT**
- **ILLEGIBLE TEXT**
- **SKEWED/SLANTED IMAGES**
- **COLORED PHOTOS**
- **BLACK OR VERY BLACK AND WHITE DARK PHOTOS**
- **GRAY SCALE DOCUMENTS**

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

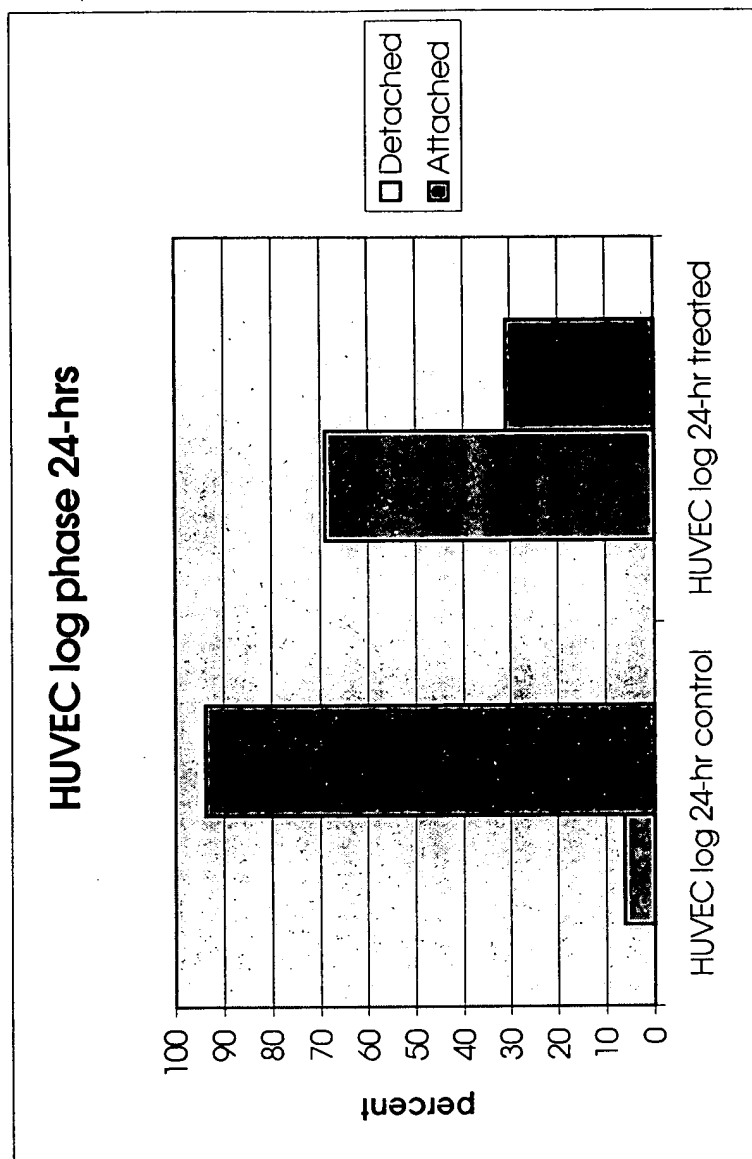
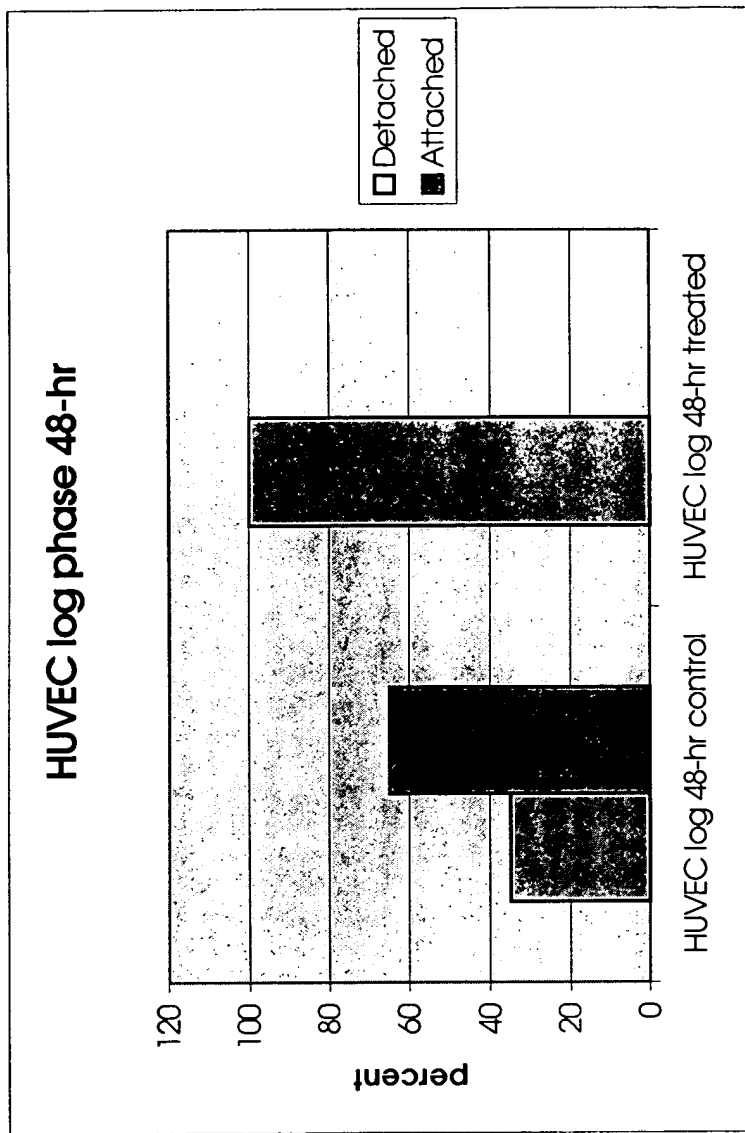
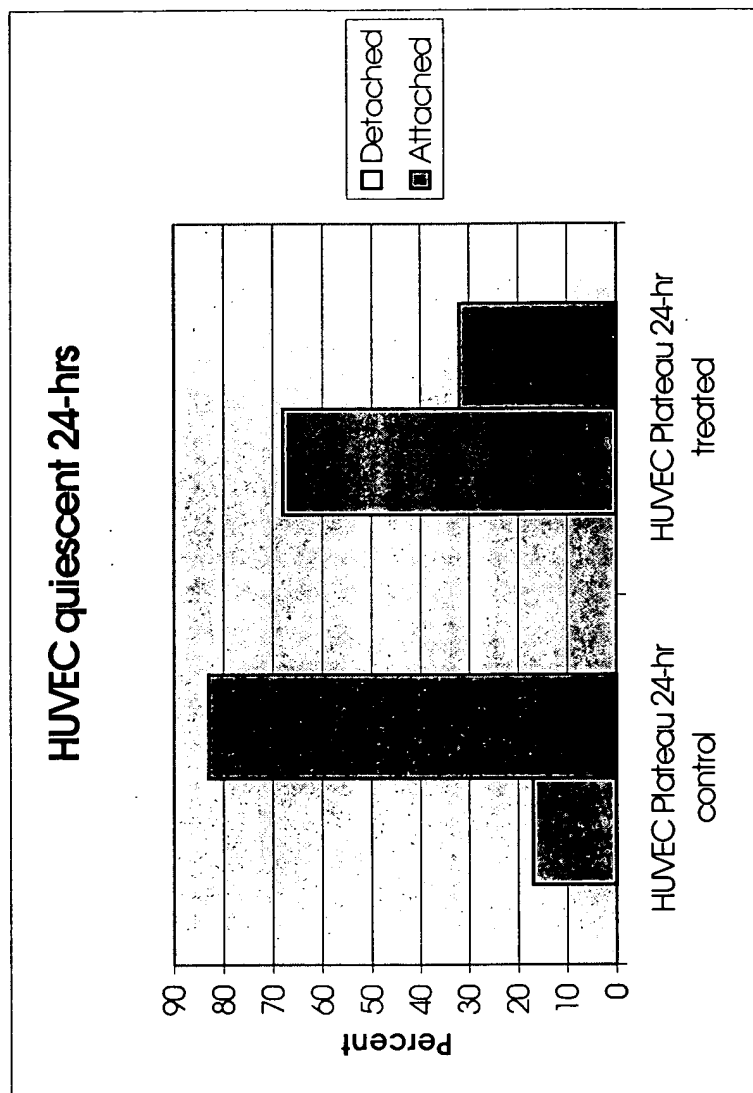


FIG. 1



**FIG. 2**



**FIG. 3**

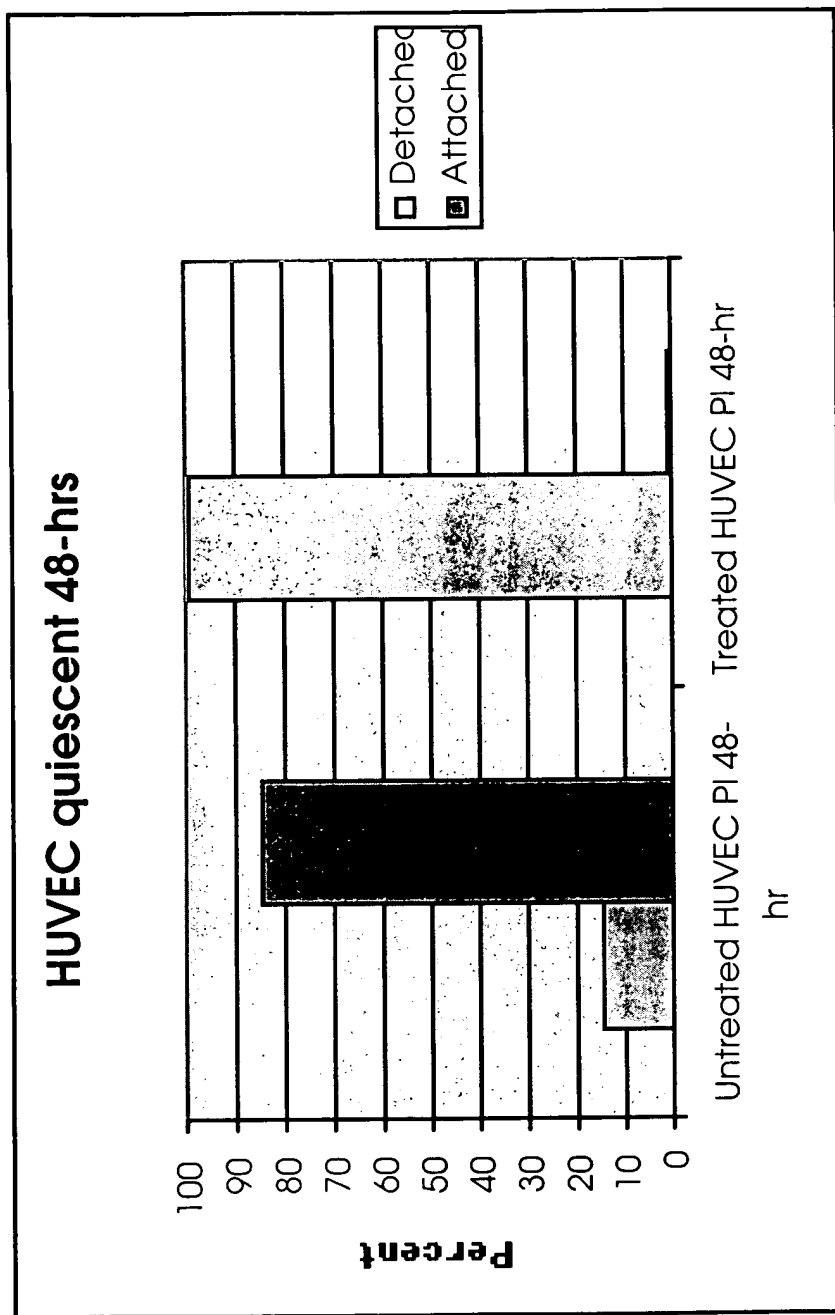


FIG. 4

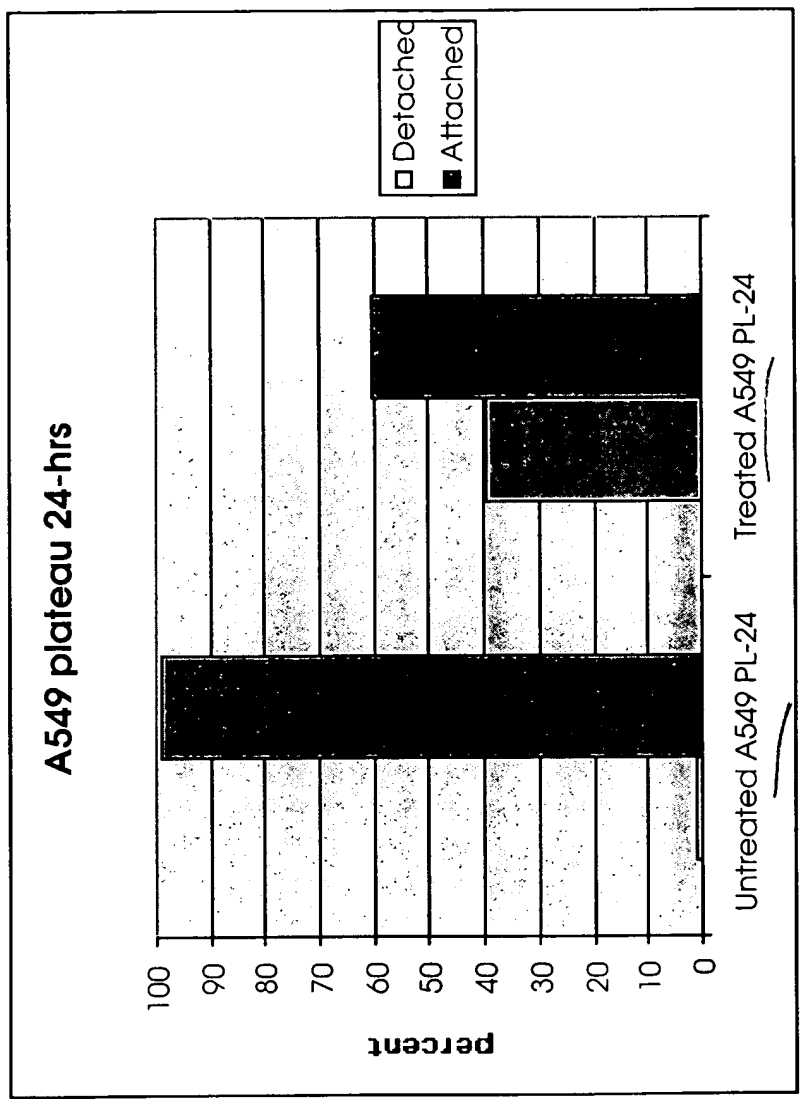


FIG. 5

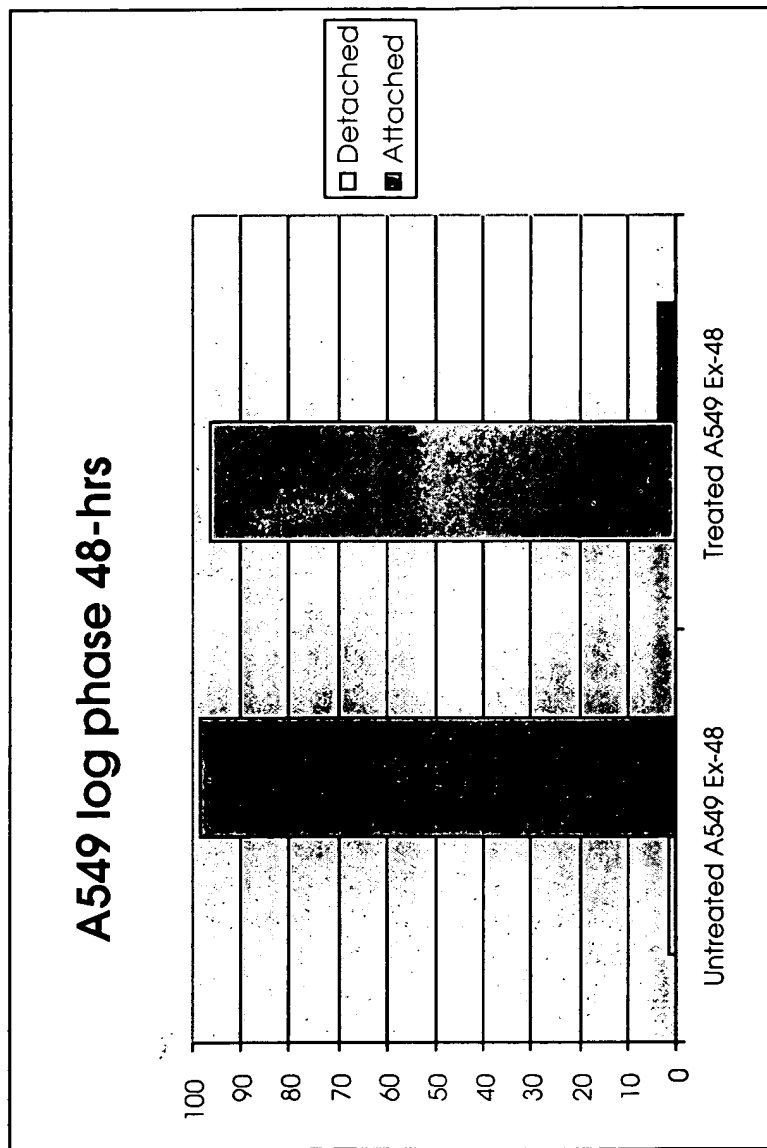


FIG. 6

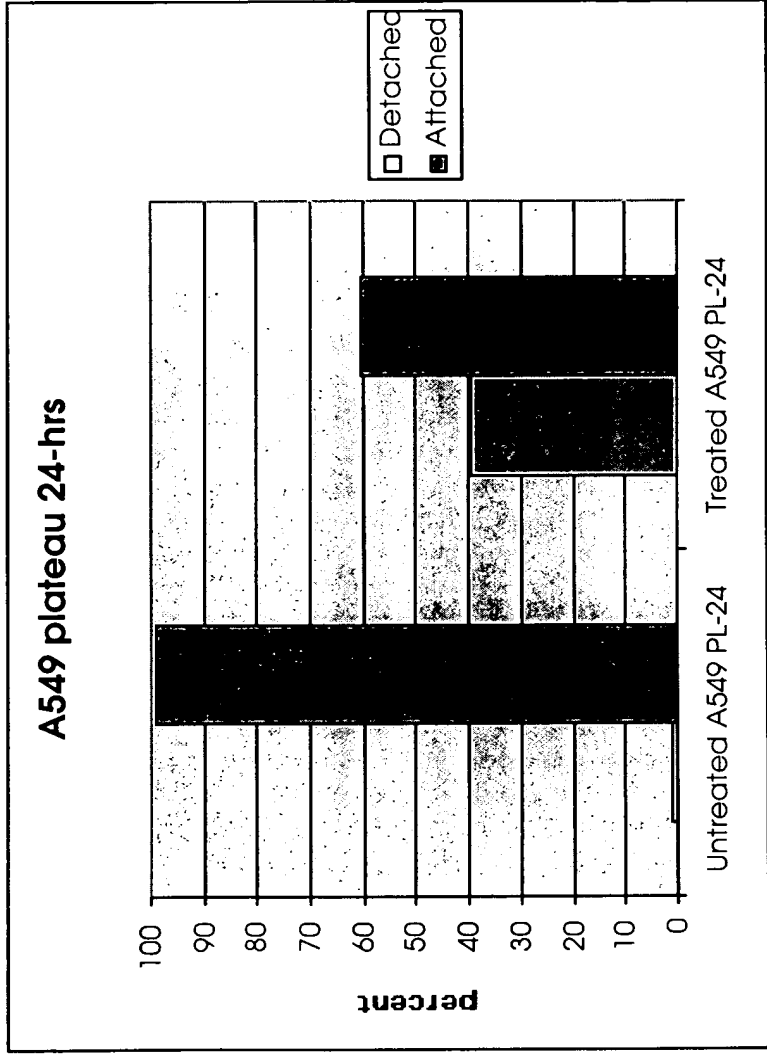


FIG. 7

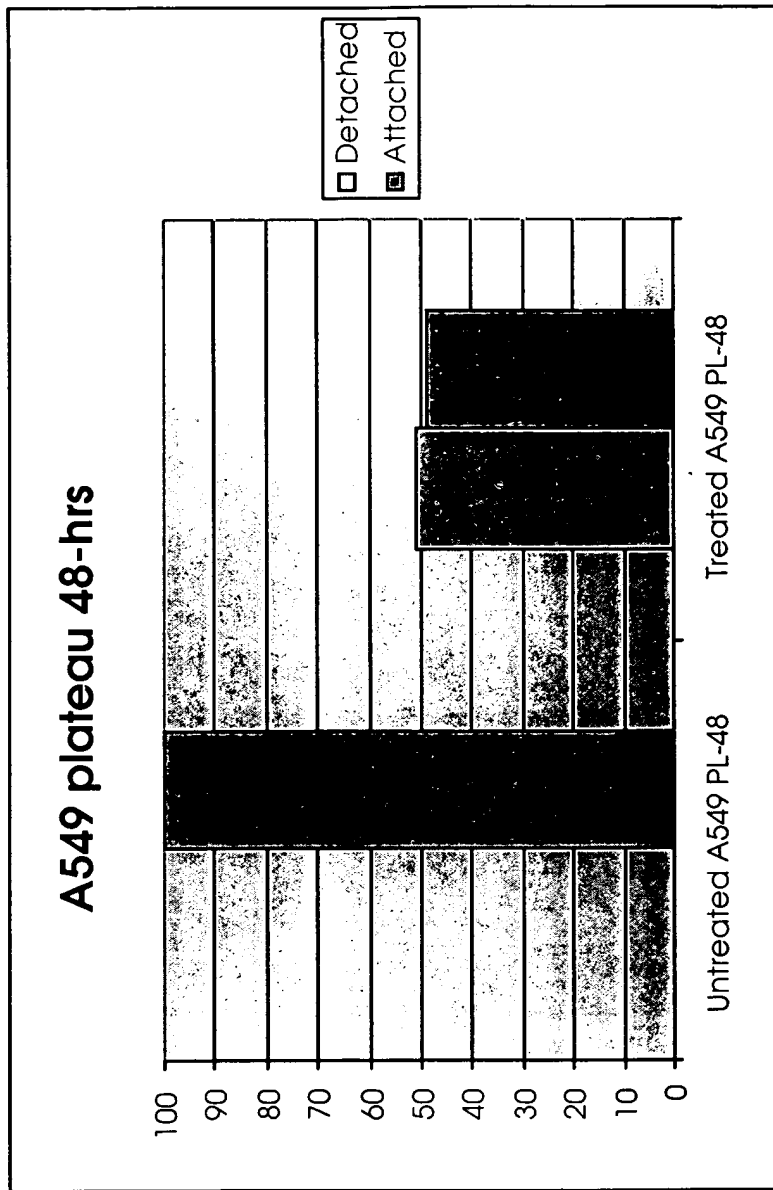
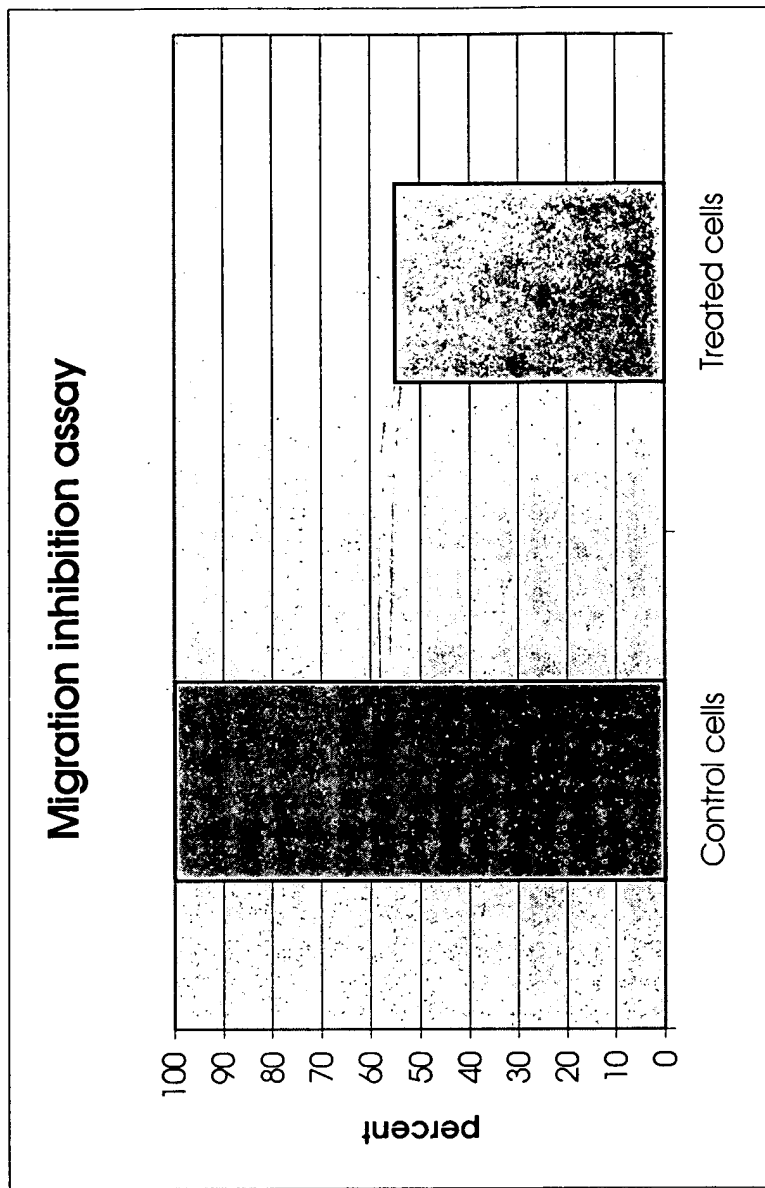


FIG. 8



**FIG. 9**

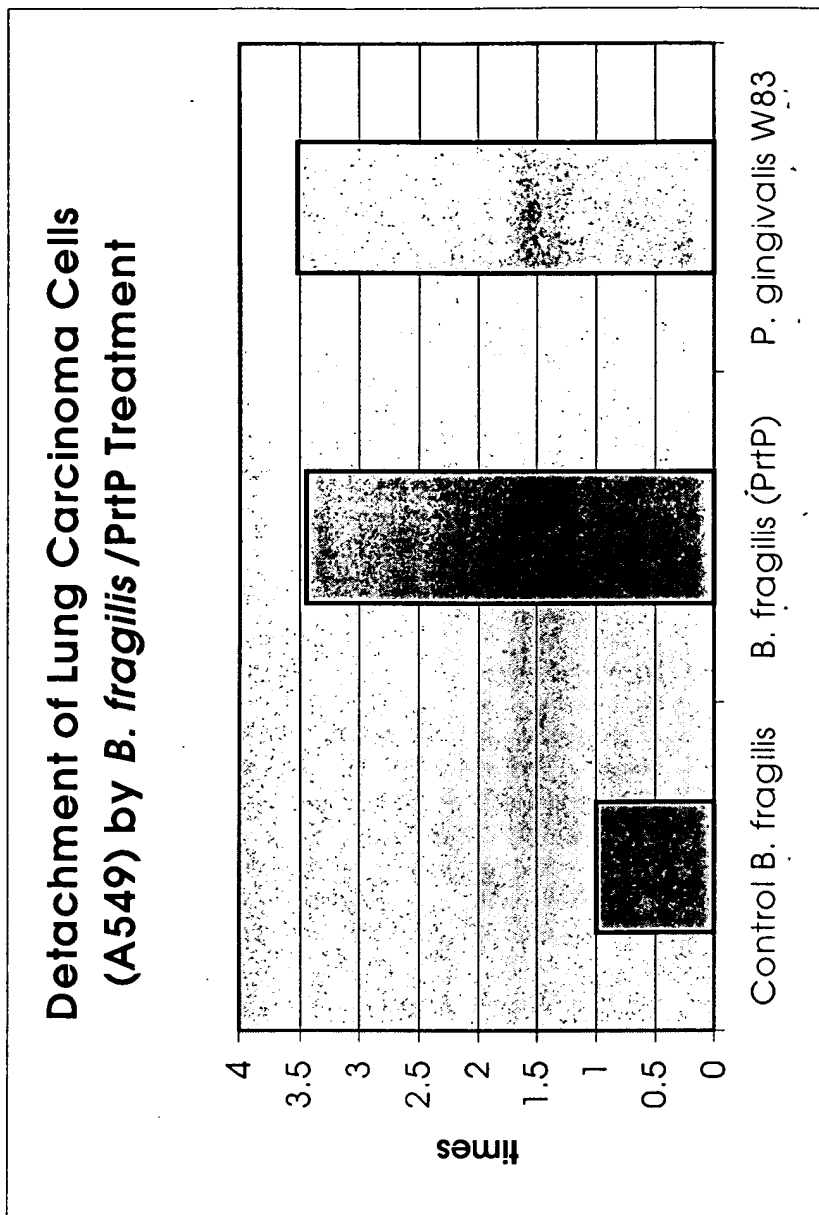


FIG. 10

FIG. 11a FIG. 11b

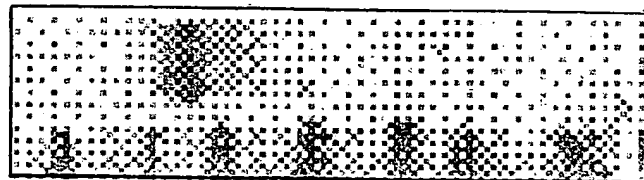
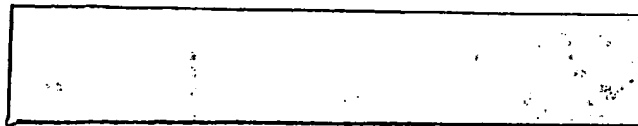


FIG. 11a FIG. 11b

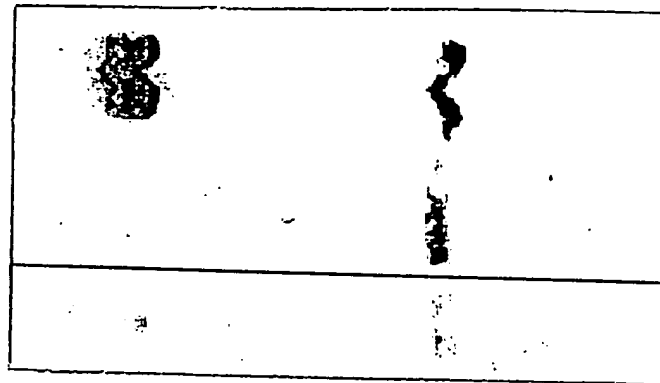


FIG. 11c FIG. 11d

11 924

Experimental Conditions	Cells Attached
Control + cysteine	☆ ☆ ☆ ☆ ☆
0.2mg/ml P.g. lysate + cysteine	☆ ☆ ☆
0.4mg/ml P.g. lysate + cysteine	None attached
0.4mg/ml P.g. lysate/heated + cysteine	☆ ☆ ☆ ☆ ☆
0.4mg/ml P.g. lysate + TLCK + cysteine	☆ ☆ ☆ ☆ ☆
0.4mg/ml P.g. lysate + PMSF + cysteine	☆
0.4mg/ml P.g. lysate + PIC + cysteine	☆
<i>P.gingivalis</i> + cysteine	None attached
<i>P.gingivalis</i> + TLCK + cysteine	☆ ☆
<i>E.coli</i> lysate + cysteine	☆ ☆ ☆ ☆ ☆

FIG. 12

12 of 24

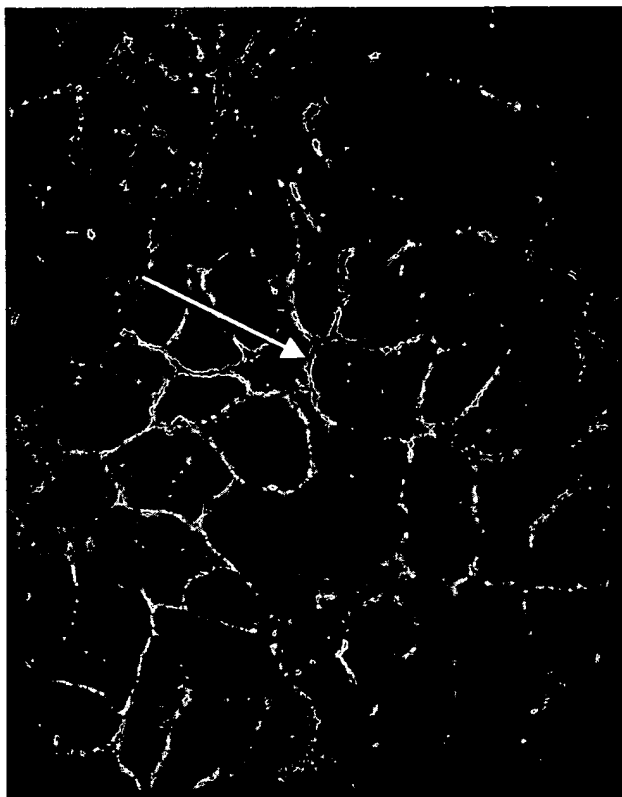


FIG. 13a

FOUO ST 61860



FIG. 13b

hp of 2.4

105030" 57767600

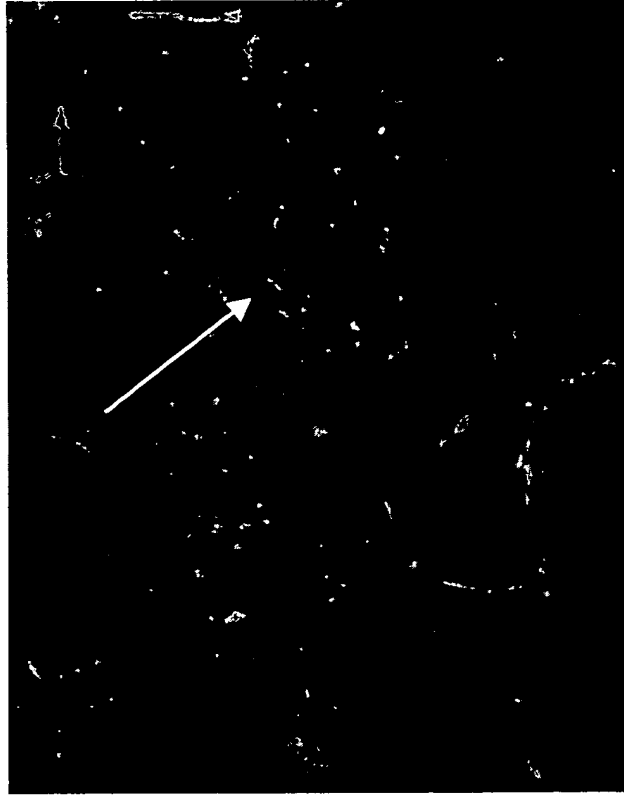


FIG. 13c

15 of 24

TESSA" 376060

16 of 24

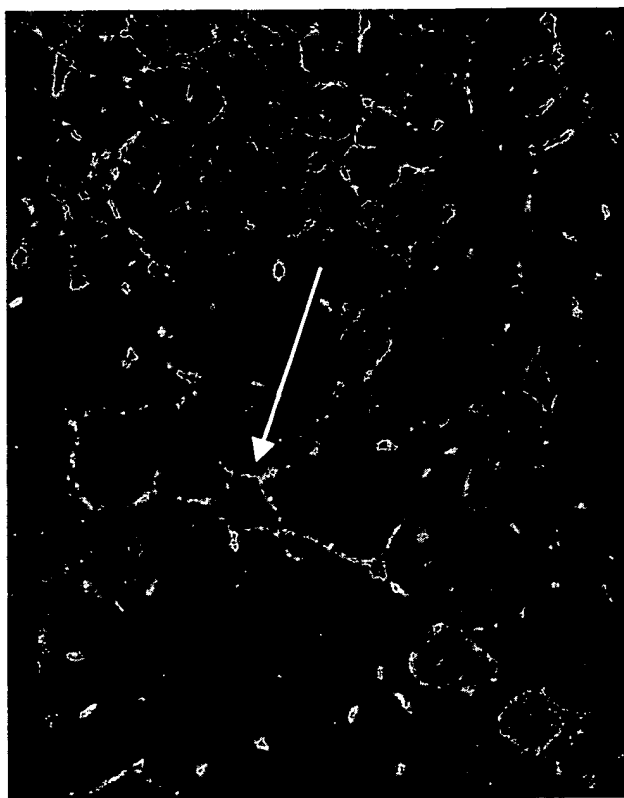


FIG. 13d

FIG. 13e



FIG. 13e

17 y24

FOSSIL SITE



FIG. 14a

18 of 24

FIG. 14b



FIG. 14b

FIG. 14c

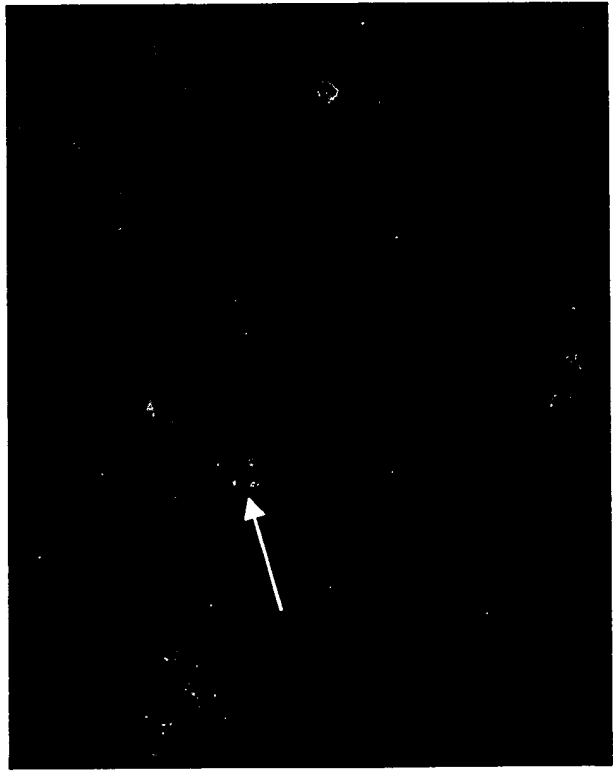


FIG. 14c

FOSSIL SITE



FIG.14d

21 of 24

TESSO"STF64860

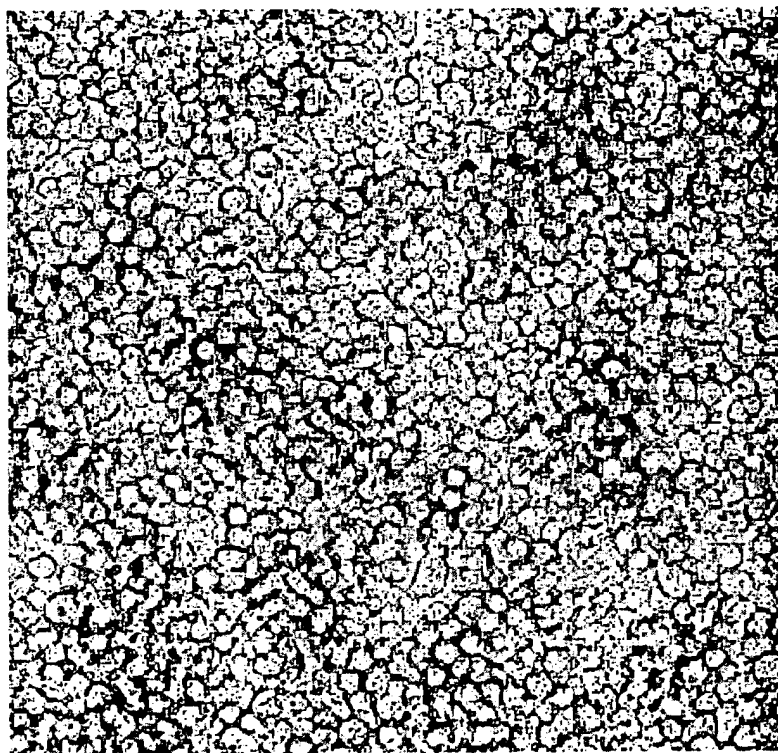


FIG. 15a

FIG. 15b

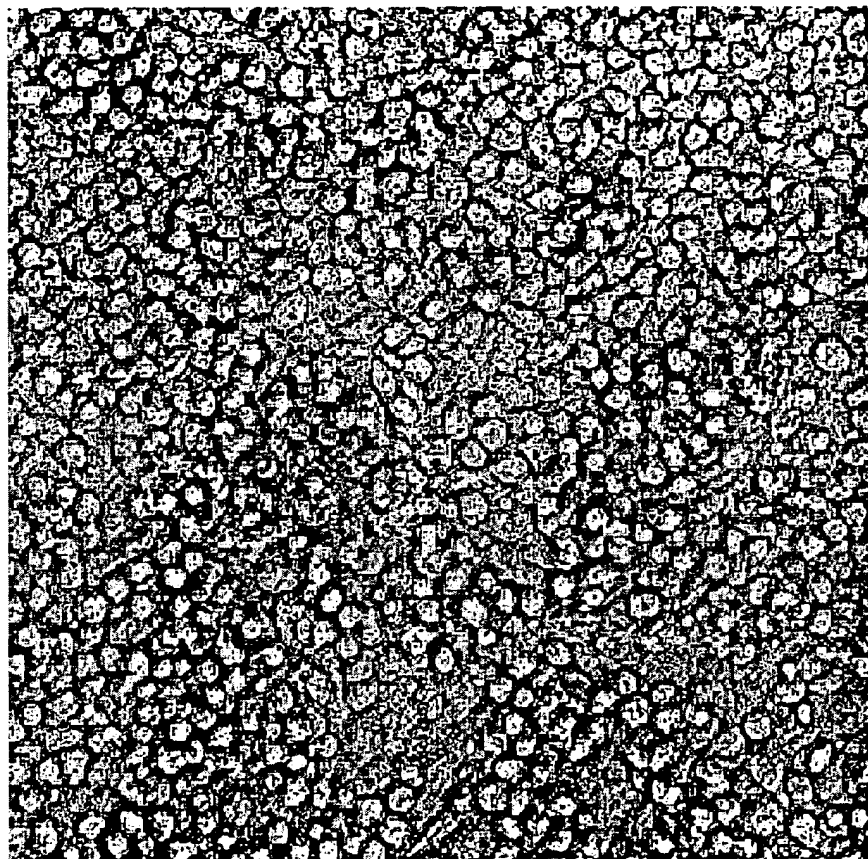


FIG. 15b

705050" 5764660

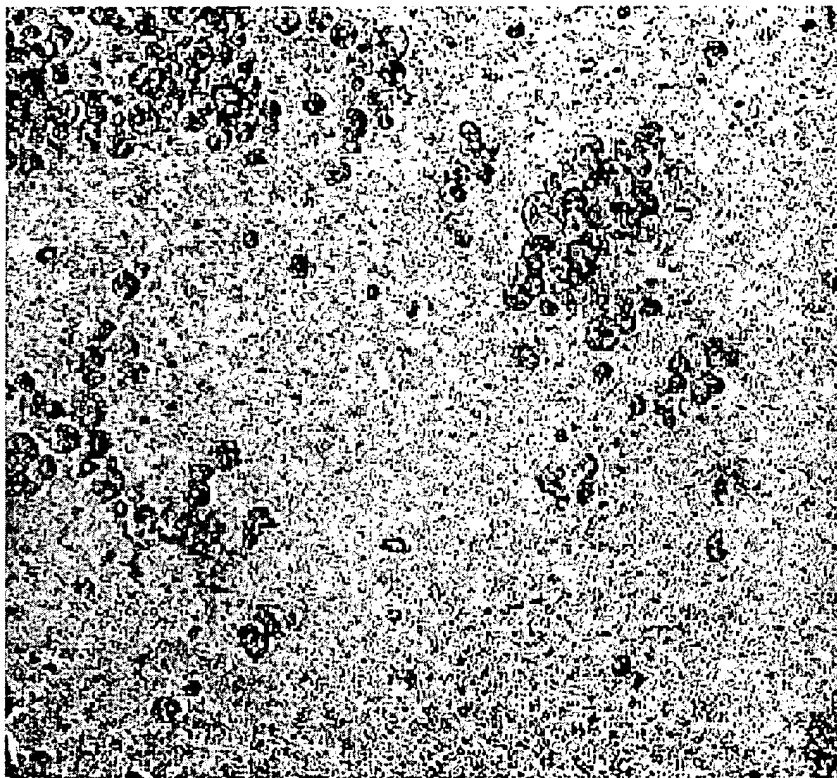


FIG. 15c